SLIDING TABLE SAWS

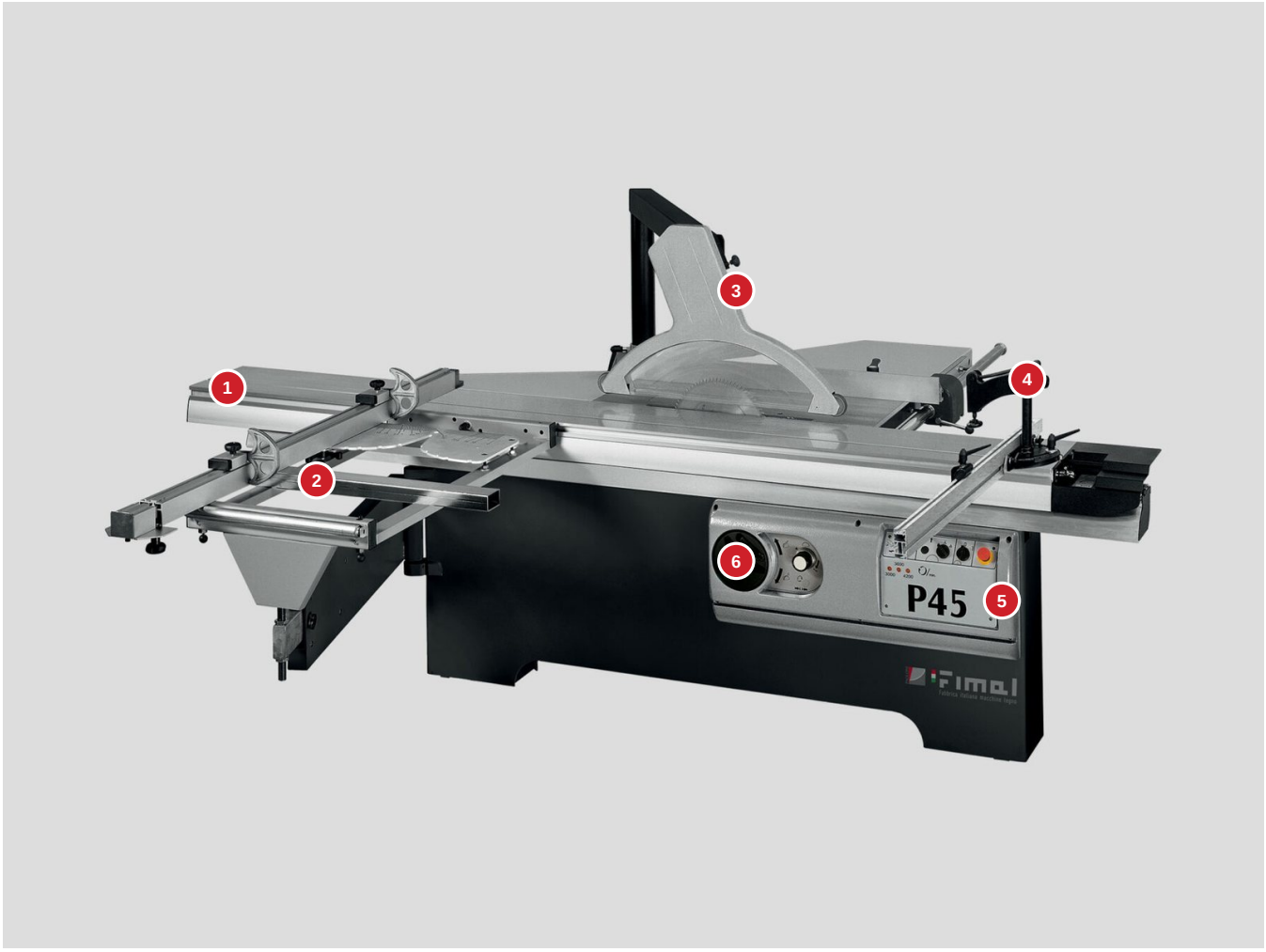
Sliding Table Saw

Fimal P45

Sliding table saw for main saw blades up to Ø 450 mm, with 3200 mm sliding table and scoring unit. The long-shaft saw unit runs vertically on prismatic guides and the sliding table runs on ball bearings along hardened, ground tracks, with cutting straightness of ±0.05 mm; blade raising is motorised and the speed is changed from the work table.

MODEL P45

Ø 450 mm	157 mm	3200 mm	5.5 kW
MAX. SAW BLADE DIAMETER	CUTTING HEIGHT AT 90°	SLIDING TABLE	MAIN MOTOR (7.5 kW OPTIONAL)



1 Aluminium sliding table, 3200 mm
2 Extension table with crosscut fence for angle cuts
3 Suspended saw blade guard
4 Rip fence with micrometric adjustment
5 Control panel with speed display
6 Blade tilt handwheel with indicator

/ Application & Use

The Fimal P45 is a sliding table saw for squaring furniture and joinery panels of particleboard, MDF, plywood, melamine-faced and veneered boards, and for straight and bevel cuts up to 45° in softwood and hardwood. With the optional pressure beam it cuts thin or veneered materials in stacks. The 3200 x 350 mm sliding table, in anodised aluminium alloy, runs on large-diameter ball bearings along hardened, ground prismatic tracks and can be locked in any position for loading the workpiece; the squaring stroke with scoring unit is 3370 mm.

/ Key Features

- Long-shaft saw unit, reduced vibration
- Sliding table on ball bearings, hardened and ground tracks
- Cutting straightness ±0.05 mm
- Motorised raising, tilt 0–45°
- 3 blade speeds: 3000 / 3600 / 4200 rpm
- Scoring unit with quick adjustment
- Electromagnetic brake, CE conformity

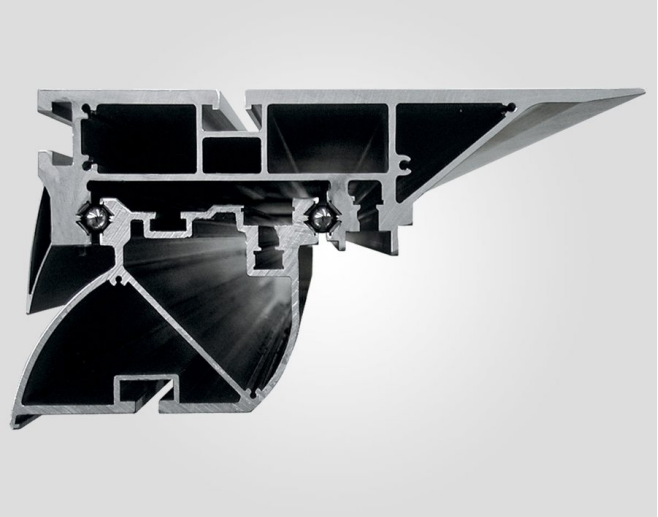
/ Standard Equipment

- Long-shaft saw unit on prismatic guides: stability and reduced vibration thanks to the large distance between the bearings
- Anodised aluminium alloy sliding table on large-diameter ball bearings running on hardened, ground prismatic tracks
- Speed change through an opening in the work table
- Sliding table lockable in any position for loading the workpiece
- Eccentric clamp for holding the workpiece
- Rip fence with micrometric adjustment on a ground steel bar, swings away for large panels
- Scoring unit with manual horizontal and vertical adjustment, quick movement and locking, with the blade vertical or tilted
- Motorised blade raising; manual tilting by handwheel with gravity-type indicator on the machine front
- Extension table with crosscut fence adjustable from +45° to −45°, fixed references every 5° and at 22°30′
- Side extension of the table at the outfeed
- Suspended saw blade guard, CE-compliant, quickly removable
- CE electrical system with selected speed display, padlockable main switch, overload protection, emergency stop button, electromagnetic brake and safety microswitch on the doors

/ Machine Details



LONG-SHAFT SAW UNIT, BELT DRIVE AND DUST EXTRACTION CONNECTION



SLIDING TABLE PROFILE: LARGE-DIAMETER BALL BEARINGS ON HARDENED, GROUND PRISMATIC TRACKS

/ Technical Data

Specification	P45
Model	P45
Sliding table length	3200 mm; width 350 mm (option 3800 mm)
Sliding table stroke	3370 mm (squaring with scoring unit)
Cutting width at rip fence	1300 mm (option 1500 mm, with motorised rip fence)
Main saw blade: maximum diameter / bore	Ø 450 / Ø 30 mm
Cutting height at 90° / 45°	157 / 111 mm (blade Ø 450 mm)
Main saw blade tilt	0°–45°
Main saw spindle speed	3000 / 3600 / 4200 rpm
Main motor power	5.5 kW (option 7.5 kW)
Scoring unit	yes; blade Ø 125 mm, bore 20 mm, cutting height 8 mm
Scoring unit drive	motor 0.55 kW; spindle speed 7600 rpm; manual horizontal and vertical adjustment with quick movement and locking, with the blade vertical or tilted
Fixed table: dimensions / height	1030 x 650 mm / 910 mm
Sliding table guidance and locking	anodised aluminium alloy; large-diameter ball bearings on hardened, ground prismatic tracks; lockable in any position
Crosscut fence	on the extension table, adjustable from +45° to −45°, with fixed references every 5° and at 22°30′
Rip fence	micrometric adjustment; on a ground steel bar; swings away from the table for large panels; optional: motorised rip fence with electronic display, opening 1300 / 1500 mm
Motorised adjustments and displays	motorised blade raising; manual tilting by handwheel with gravity-type indicator on the machine front; display of the selected speed
Saw blade guard	suspended guard, CE-compliant, quickly removable
Dust extraction connections	Ø 120 mm
Noise emission	81.2–83.9 dB (LAeq, ISO 7960, cutting with saw)
Dust emission — declared value	0.87 mg/m³, test according to DIN 33893
Net weight	800 kg

/ Options on Request

- Full-length pressure beam, 3000–3600 mm, with pneumatic pressers (useful cutting length 3000 mm)
- 3800 mm sliding table
- Second extension table, on a rail, for very large panels
- Parallel cutting device for squaring long, narrow panels
- Angle cutting device ±45°
- Motorised rip fence with electronic display (1300 / 1500 mm)
- Pneumatic pressure device on an arm
- 7.5 kW motor

Data refer to the standard P45 configuration. The supplied configuration and included options are defined in the quotation. Technical data may be updated without prior notice. Images are illustrative.

SUPPLIER

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